



## Yearly Status Report - 2017-2018

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	JAI NARAIN VYAS UNIVERSITY
Name of the head of the Institution	Prof. R. P. Singh
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0291-2432947
Mobile no.	9414248524
Registered Email	naacjnvu@gmail.com
Alternate Email	vc@jnvu.edu.in
Address	Jai Narain Vyas University, Residency Road, Jodhpur 342 011
City/Town	JODHPUR
State/UT	Rajasthan
Pincode	342011

<b>2. Institutional Status</b>																									
University	State																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	state																								
Name of the IQAC co-ordinator/Director	Prof. S. Sundramoorthy																								
Phone no/Alternate Phone no.	02912432947																								
Mobile no.	9414476523																								
Registered Email	naacjnvu@gmail.com																								
Alternate Email	jnvunaac.2020@gmail.com																								
<b>3. Website Address</b>																									
Web-link of the AQAR: (Previous Academic Year)	<a href="http://www.jnvu.co.in/igac/">http://www.jnvu.co.in/igac/</a>																								
<b>4. Whether Academic Calendar prepared during the year</b>	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://www.jnvu.co.in/download_type/academic-calendar/">http://www.jnvu.co.in/download_type/academic-calendar/</a>																								
<b>5. Accrediation Details</b>																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>85.1</td> <td>2004</td> <td>08-Jan-2004</td> <td>07-Jan-2009</td> </tr> <tr> <td>2</td> <td>B</td> <td>2.5</td> <td>2011</td> <td>08-Jan-2011</td> <td>07-Jan-2016</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	85.1	2004	08-Jan-2004	07-Jan-2009	2	B	2.5	2011	08-Jan-2011	07-Jan-2016
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	A	85.1	2004	08-Jan-2004	07-Jan-2009																				
2	B	2.5	2011	08-Jan-2011	07-Jan-2016																				
<b>6. Date of Establishment of IQAC</b>	08-Nov-2001																								
<b>7. Internal Quality Assurance System</b>																									
Quality initiatives by IQAC during the year for promoting quality culture																									
Item /Title of the quality initiative by IQAC	Date & Duration			Number of participants/ beneficiaries																					

Participation in NIRF	12-Dec-2017 365	20000
<a href="#">View File</a>		

**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
ENGINEERING	TEQIP	WORLD BANK	2017 1460	100000000
Botany	UGC SAP II-CAS I	UGC	2013 1825	14700000
<a href="#">View File</a>				

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

0

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

No

Upload the minutes of meeting and action taken report

No Files Uploaded !!!

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

**12. Significant contributions made by IQAC during the current year(maximum five bullets)**

• Participation in NIRF • Preparation of Annual Quality Assurance Report (AQAR) • CBCS implementation in PG • Campus Awareness Program on 'Green Campus' and 'Clean Campus' • Promotion of student's extracurricular and cocurricular activities.

[View File](#)

**13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year**

Plan of Action	Achivements/Outcomes
Quality Enhancement	Improvement in teaching and research Implementation of CBCS in PG Level

	Programs
Encourage faculty members for development of MOOC Modules	MOOC modules were developed at EMMRC Centre of Jai Narain Vyas University Faculty member from Jai Narain Vyas University were awarded MOOC modules
To maintain the research standard in the Department	Research Scholars are motivated to publish their research in reputed International Journals
Digitization of Library	University has taken initiatives towards digitization of library by exploring new library information science related software
Modernization / computerization of administration, examination, secrecy, account section	University has developed its own Management Information System
Feedback from students, alumni and stakeholders	All stakeholders are regularly encouraged to provide their feedback both in formal and informal ways
Teaching learning and evaluation	Semester wise evaluation in many departments paved the way for quality teaching output amongst students
Implementation of E-Governance	University has developed its own Management Information System
<a href="#">View File</a>	

<b>14. Whether AQAR was placed before statutory body ?</b>	No
<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
<b>16. Whether institutional data submitted to AISHE:</b>	Yes
Year of Submission	2018
Date of Submission	10-Mar-2018
<b>17. Does the Institution have Management Information System ?</b>	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Jai Narain Vyas University uses a well designed and upto date Management Information System is known as IUMS (Integrated University Management System). The current modules utilized by university cover major operational aspects of the functioning of the university which includes online admission, examination, teaching

nonteaching data, college affiliation, recruitment etc. IUMS implementation in university has helped university move towards the achievement of EGovernance and paperless office goals.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BSc	NA	CBZ Biology	18/03/2017
BSc	NA	PCM Physical	18/03/2017

[View File](#)

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
MBA	Financial Management	01/07/2017	MBAFM-107 Seminar on Contemporary Issues	01/07/2017

[View File](#)

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
MBA	Financial Management	01/07/2017

[View File](#)

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Production Industrial Engineering	01/07/2017

#### 1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Diploma in Meteorology (PGDM)	01/07/2017	Nil

[View File](#)

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
-------------------------	--------------------------	---

[View File](#)

## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?  
(maximum 500 words)

### Feedback Obtained

The feedback system is considered an important tool for counter-checking of the performance indices of departments in every aspect. Although in a semi-structured way, various Departments collect feedback on curriculum aspects and courses from different stakeholders such as the students, alumni, faculty, and employers in order to ensure and analyze academic excellence. A periodical analysis is made by Department/Academic Council for student performance, faculty performance in every semester, utilization of infrastructure, and requirements for quality enrichment. Students feedback are obtained during classes, personal meeting. Feedback from teachers is obtained through brainstorming sessions on curriculum aspects and other departmental issues during regular meetings. Employers Feedback is obtained via personal meetings. Parents Feedback is obtained during their visit to the department. Alumni Feedback obtained during annual meetings of Alumni Association, and their informal visits to the departments, in which feedback from industrial management, R and D establishments, and professionals is received. All feedbacks are being discussed in departmental meetings for necessary implementation. The feedback process involves a dedicated and comprehensive meeting of teachers, alumni, and student representatives in which it is thoroughly discussed that what are areas in which attention needs to be paid, what are the areas in which the department has excelled. This discussion has proceeded in the individual perceptive context of the Teachers, Alumni, and Student representatives. Then the inculcation is done on the outcomes of the feedback and a future plan is made for the eradication of problems that originated. Feedback from the alumni is focused upon the need for extracurricular programs which are beneficial for post-graduate job opportunities. The feedback of students is majorly focused upon the better understanding of subjects, interaction with faculties. The feedback of teachers is focused upon the involvement of students instudies and co-curricular and special focus group students who are not able to cope up with the learning pace of other students. University obtains formal feedback from the Departments through course contents, teaching pedagogy faculty preparedness, continuous evaluation of students through results, and the students' feedback for the teaching faculty to the authority about teaching and behavior of the faculty member. Occasionally informal or white paper feedback is collected without identity disclosure, to improve academics and create a congenial atmosphere for both teachers and students. The doors are liberally openfor the parents to approach and share their feedback, which is discussed among the teaching faculty and in the Academic/ Administrative meetings. Efforts are being made to maintain transparency, and help significantly in the overall development of university to improve academics, infrastructure, and governance.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Part I	1440	3318	1351
<a href="#">View File</a>				

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	21510	2601	47	8	333

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
334	284	909	37	12	30
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Institute was established to impart higher education and catering the needs of students mainly from rural backgrounds with very minute knowledge of professional courses and knowledge about the streams to choose according to their respective interests. The students are mentored by the faculty in helping them to overcome their weaknesses and recognize their strengths. All teachers work as Mentors to the students allotted to them and maintain regular interaction with students. Students are free to express their opinion and seek guidance and counseling from subject teachers, course coordinators, and Head. Departments offer a highly efficient Mentoring system, in which mentors guide the students for their studies and extra-curricular activities. They also provide advice relating to the selection of major, career guidance, and personal counseling. The mentors also guide the students for their research projects. The mentoring system ensures that the students adapt to the dynamic learning environment and lead their ways into highly successful careers. The parents / Guardians of poor Attendee/performance students are called to meet the mentor and corrective and preventive measures are implemented for further improvement. For the purpose of mentoring, some departments have created a student mentoring cell to help students with their day-to-day academic problems and career guidance. The cell is constituted of both teachers and senior students. Mentors frequently interact with the students and discuss some general issues: Academic performance monitoring of students attendance and discipline to improve the relationship to students with fellow students and teachers regular career and personal counseling Lyseining with concern subject faculty members Need-based extra classes Forthcoming Opportunities Progression – Entrepreneurship / Placements Awareness and support to students for GATE, GRE, CAT, ISRO, SAIL, etc. Hostel Issues Mess Issues Personal / Domestic Problems Anti-Ragging Measures The initial emphasis is towards giving the students a proper knowledge of language literature and computers so that they could cope up with the present scenario of modern techniques and e-learning. Students are also mentored for communication skills development activities like seminars, which create an ability to build their lateral thinking to stand up and speak in public with confidence. Along with the above mention thinks under student monitoring a regular mode of conversation is established with the parents and guardian of students so that an informal progress report is

maintained among the parents. The mentors are in regular touch with their assigned students by mobile phone and electronic media. A peculiar eye is always on students so that his area of interest could be nurtured. By this system of monitoring, we want to achieve the better academic performance of students along with sculpting them as good members of society.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
24046	396	1 : 61

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
657	329	328	26	276

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Dr. Praveen Gehlot	Professor	APSI National Gold Medal Award, 2017 from APSI, India
<a href="#">View File</a>			

## 2.5 – Evaluation Process and Reforms

### 2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	Nill	I	12/05/2018	18/07/2020
<a href="#">View File</a>				

### 2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
12	6366	0.1885

## 2.6 – Student Performance and Learning Outcomes

### 2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.jnvu.co.in>

### 2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year	Number of students passed in final year examination	Pass Percentage
----------------	----------------	--------------------------	---	---	-----------------



			examination		
Nil	BA	Final	1436	1350	94.01
<a href="#">View File</a>					

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

No Data Entered/Not Applicable !!!

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	NIL	NIL	01/12/2018	NIL
<a href="#">View File</a>				

3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
TEQIP-III PhD Assistantship	730	World Bank
<a href="#">View File</a>		

### 3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	NMPB	2090000	800000
<a href="#">View File</a>				

### 3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Faculty Development Program on Laboratory Experiment Practices Using Current Software Hardware Tools Techniques	Electronics Communication Engineering	28/05/2018
<a href="#">View File</a>		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	01/12/2018	NIL
<a href="#">View File</a>				

### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Technology business incubation centre	M.B.M incubation cell	Government of Rajasthan	Book Hunger	Books	01/07/2017
<a href="#">View File</a>					

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Physics	2
Zoology	8
Mathematics	2
Computer Science and Engineering	1
Electronics and Communication Engineering	1
Electrical Engineering	2
Structural Engineering	2
Accounting	5
Business Finance and Economics	7
Business Administration	3
Management Studies	1
English	2
Geography	1
Hindi	24
History	2
Journalism and Mass Communication	1
Philosophy	1
Physical Education	2
Political Science	1
Psychology	2
Sanskrit	4
Law	6
Botany	8
Chemistry	12
Geology	Nil
Home Science	3

#### 3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
------	------------	-----------------------	--------------------------------

International	Chemical Engineering	4	2.4
<a href="#">View File</a>			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemical Engineering	18
<a href="#">View File</a>	

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Nil	Published	0	01/07/2017
<a href="#">View File</a>			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Agri-fresh food supply chain quality (AFSCQ): a literature review	Man Mohan Siddh, Gunjan Soni, Rakesh Jain, Milind Kumar Sharma, Vinod Yadav	Industrial Management Data Systems	2017	7.9	Jai Narain Vyas University, Jodhpur	25
<a href="#">View File</a>						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Hierarchical nitrogen-doped porous carbon derived from lecithin for high-performance supercapacitors	M. Demir, Sushil Kr. Saraswat, R. B. Gupta	RSC Advance	2017	8	29	Department of Chemical Engineering, MBM Engineering College, Jai Narain Vyas University, Jodhpur, India

[View File](#)

### 3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	30	240	22	42
Presented papers	56	187	12	Nil
Resource persons	19	57	26	33

[View File](#)

### 3.5 – Consultancy

#### 3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Electrical Engineering	Testing of Cables	Executive Engineer (Electrical, JDA, Jodhpur)	110707

[View File](#)

#### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0

[View File](#)

### 3.6 – Extension Activities

#### 3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
NSS	NSS	3	40

[View File](#)

#### 3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Up-Rashtrapati Award For Rover Crew	Up-Rashtrapati Award	National HQ, BSG, New Delhi	24

[View File](#)

#### 3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen	Name of the activity	Number of teachers	Number of students
--------------------	----------------------	----------------------	--------------------	--------------------

	cy/collaborating agency		participated in such activities	participated in such activities
Workshop AFRI	Rover Scout	Training Green Conservation Programme	2	4
<a href="#">View File</a>				

### 3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty Exchange Programme	3	TEQIP-III	30
<a href="#">View File</a>			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Summer Internship at Industries	HINDUSTAN ZINC LIMITED (HZL), UDAIPUR (RAJ.)	01/06/2017	15/07/2017	4
<a href="#">View File</a>					

3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ISRO, Jodhpur	05/03/2018	Research Work	600
<a href="#">View File</a>			

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1359.01	1356.34

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
Campus Area	Existing
<a href="#">View File</a>	

#### 4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
SOUL	Fully	2	2014

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	383154	2248018	4855	1217731	388009	3465749
<a href="#">View File</a>						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. B.L. Gajja	Applied Statistics	E-content Courseware Production for CEC (Under Graduate) under NME-ICT	01/07/2017
<a href="#">View File</a>			

#### 4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existin g	784	30	1	10	4	36	45	2	0
Added	80	0	0	0	0	5	0	0	0
Total	864	30	1	10	4	41	45	2	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

2 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
EMMRC Jodhpur Media Centre	<a href="https://emmrcjodhpur.edu.in">https://emmrcjodhpur.edu.in</a>

**4.4 – Maintenance of Campus Infrastructure**

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
8033.27	7143.12	1359.01	1158.55

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

University is committed to providing state-of-the-art infrastructure based on the requirement of its stakeholders for the holistic development of its students. We ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of different facilities by holding regular meetings of various committees constituted for this purpose and using the allocated fund. Routine maintenance of playfields, lecture theatres, seminar halls, and other buildings is carried out by the University Building Cell. The annual budget is sanctioned by the University for the maintenance of laboratories and purchase of raw materials. Annual maintenance, repair, physical verification, and up-gradation of laboratory equipment are carried out during the summer vacations. Regular maintenance of classrooms and laboratories is done by the university staff. MUSIC (University Science Instrumentation center) is established in science faculty, for maintenance of sophisticated equipment. Most of the departments have their own Central Instrumentation Facilities (CIFs), for optimal use of equipment purchased in various schemes. Logbooks are maintained for proper record of the use of equipments indifferent departmental labs, and AMC (Annual Maintenance Contracts) are made for sophisticated equipments. Computer center with browsing facility: maintenance at the whole university level. University Library Building is centrally located, well laid out, and is equipped with adequate books, which are accessible to all students. The Departmental Libraries have been a humble endeavor to provide a fine collection of several Books Journal for scholarly ambiance to faculty and students. Sports: The Maintenance of indoor/outdoor sports are taken care of by Sports Board/ Sports in-charge Consult Coaches.

<http://www.jnvu.co.in/>

**CRITERION V – STUDENT SUPPORT AND PROGRESSION**

**5.1 – Student Support**

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	0	0
Financial Support from Other Sources			

a) National	MBM Alumni Scholarship	70	1125500
b) International	Nil	Nil	0
<a href="#">View File</a>			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Personal Counselling/ Mentoring	15/07/2017	100	Department Teachers
<a href="#">View File</a>			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2017	RAS, IAS (PRE.) CSES 2017	250	125	14	14
<a href="#">View File</a>					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
GA Infra	20	1	Central Govt	1	1
<a href="#">View File</a>					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	15	BE	Civil Engineering	IIT Roorkee	MTech
<a href="#">View File</a>					



5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	36
<a href="#">View File</a>	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Innovarious	State level	1500
<a href="#">View File</a>		

### 5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Winner	National	1	Nil	19UMEC1103	Ajay Pal Singh
<a href="#">View File</a>						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The process of election for framing student's council has been performed every year at collegiate level. The institution has a well functional student council which takes care for augmentation of various infrastructural, academic and administrative activities for student benefit and welfare. Student's council provides an opportunity to students to develop their leadership skills through active participation in college administration and students collaboration. There are many clubs formed by students council in association with college authorities and faculties like ESRC (Embedded systems and Robotics Club) ICC (Innovation and Creativity Club) Electro Club. In ICC, there are sub categorical clubs like Literature Club, Music club, Dance club, Painting Club, Poetry Club, Debate club etc. Various activity societies like library society, cultural activity society etc were formed by student's council along with college management for smooth running of the tasks. Youth festival was organized in the institution by the student council and the college management in which various cultural activities were organized and the students were selected to represent the college at university level. Students Council also organize, and celebrate the National Teachers Day, on Sept. 5, every year and presenting cultural programme, the Inter-University English and Hindi Drama Festivals, intra-faculty and inter-faculty cultural and sports competitions, Shiksha Diwas on Jan. 1, Founder's Day celebrations on Aug 14 and other National celebrations that include, Independence Day, Republic Day, Engineers Day, Science Day and various NSS and social service activities. The student council is expected to perform following functions: 1. Organizing cultural activities and sports activities for students. 2. Communicating problems faced by students to Dean and management of college. 3. Maintaining discipline in college campus. 4. Maintaining college campus clean and green. 5. Participation in extension activities like Voters Awareness Programme, Swachh Bharat Abhiyan, Tree Planation, Yoga Day, Blood Donation Camp etc. 6. They give their suggestions for purchase of books, magazines for library. The following committees have student representatives: 1. Students Council 2. Anti-Ragging Committee 3. Sports Committee 4. NSS Committee 5. NCC Committee (IV RAJ ENGG

Regiment) 6. Alumni Association 7. Anti-Sexual Harassment Cell 8. Annual Magazine Committee 9. Women Cell Note: No elected member of Union Bodies shall be nominated as President / Secretary of the departmental level / faculty level Union Bodies. All the matters (like functions, rule regulations, financial matters etc.) regarding the departmental level Students' Union shall be decided by the departmental and the decision the departmental council shall be final.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Institute has a registered Alumni Association with the name MBM Engineering College Alumni Association situated at V. G. Gadremarket ,Ratanada , Jodhpur. Some alumni of the college came together and laid the foundation stone of MBM Engineering College Alumni Association in 1976. Vision of MBM Engineering College Alumni Association: To let the Alumni do anything and everything to make our Alma Mater a Centre of Excellence. Responsibilities of Alumni Association: Scholarship: The Alumni association strives to help needy and meritorious students of MBM Engineering College in their academic pursuits. Our alumni generously contribute towards this cause. Help Students: The Alumni Association taps into our alumni network to help students in their academic/ co-curricular goals after/during their study in MBM Engineering College. Help Our College: The Alumni Association supports the college with relevant infrastructure facilities, seminars, talks technical and non technical support from time to time. Build our community: The Alumni Association is constantly in touch with all Alumni of college, keeps everyone posted with the latest updates of the college and keeps the Alumni network vibrant. Objective of Alumni Association: To promote and encourage friendly relation amongst all the members of the Association. To promote interaction amongst the alumni of the MBM engineering college, and between the alumni and the college/institute or other similar institutes. To encourage the members to take active interest in the activities and the progress of the engineering college. To encourage promote and facilitate education and research in various branches of engineering and technology, sciences and arts and for the advancement of learning and dissemination of knowledge in such branches. To award scholarships and prizes to engineering students. To honour the alumni on the Silver Jubilee, Golden Jubilee etc. To honour distinguished alumni. To organise, establish and create sub-centers/local chapters at different places in India and abroad affiliate them to the Association. To accept gifts, donations, contributions, etc. from Alumni other persons, Association, Institutions, Companies, organizations, person or bodies with in India and abroad and State/Central Governments for the purpose of achieving the above objects of the Association. To give donations and gifts to individuals, organisations or institutions and M.B.M. Engineering College for facilitating the development in conformity with the above objects of the Association. To affiliate itself to any local, State, National International organisation/institute for the benefit of the Association. To make projects and programs for the benefit of society in general and in particular to engineering society and to raise and spend funds for them. To do all such things, as may be necessary, or conducive to the attainment of all or any of the objects specified above.

5.4.2 – No. of registered Alumni:

6994

5.4.3 – Alumni contribution during the year (in Rupees) :

1551500

5.4.4 – Meetings/activities organized by Alumni Association :

Silver Jubilee MINING DAY Silver Jubilee Golden Jubilee Alumni Association of Department of Accounting meeting

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

University has distributed its functioning in two parts Academic Administration General Administration. All major academic reforms are initiated based on stakeholder's feedback at the department level through the department council. Recommendations of department council are forwarded through Committee of Courses, Faculty and Academic Council to Syndicate and Senate for approval. Apart from that, there are several other bodies such as Research Board, Admission Board, Training Placement Cell, etc. that look after other students-related matters. For other Administrative matters, several sections such as Establishment Section, Academic Section, Accounts Section, Examination Section, Secrecy Section, Development Section, OnlineSection, Public Relations Office, Building Cell, Library Board, Sports Board, Student Services Board, etc. have been designated authority through Vice-Chancellor and Syndicate for carrying out day-to-day activities. Many sub-level committees and executive officers are also authorized on a need-to-need basis for carrying specific activities e.g. Director (Research), Chief Warden, University Engineer, IQAC, Admission Committee, Time Table Committee, Physical Verification Committee, Purchase Committees, Coordinators for Self-Finance Courses, etc.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

### 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Digitalization of the application, selection and fee submission process to improve the convenience as well as transparency of the whole admission process.
Industry Interaction / Collaboration	Industrial Visits of students are being organized as curricular as well as an extra-curricular activity. Departments are being encouraged to sign MoUs with the relevant industries and take up any collaborative research or academic activities. Students are encouraged to take up training or internships at relevant industries during summer vacations.
Human Resource Management	A contract has been awarded to the service provider for the appointment of skilled and non-skilled staff for various non-teaching roles at university offices and departments. The request has been made to the State Government for the recruitment of

	<p>permanent teaching and non-teaching staff. Process Improvements for annual appraisals and promotions of permanent staff members have been adopted. Faculty members are provided financial and administrative support for attending Refresher Courses/FDPs/Workshops etc.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>Digitization and Automation of Library Resources are in progress. Minor expansion of university internet network and Wi-Fi availability has been carried out. Process improvements were implemented for effective utilization of Budget Provisions made for the augmentation of University Infrastructure.</p>
Research and Development	<p>Several faculty members have been awarded research project grants from various national funding agencies, like DST, UGC, DBT, etc. To encourage and invite good research scholars, several fellowships and scholarships (CSIR, UGC, etc.) have been provided. Faculties are being encouraged for participating in seminars/conferences and improve their research outcomes</p>
Examination and Evaluation	<p>Procedural reforms have been adopted to improve the organization and turnaround time of examinations. Implementation of Choice Based Credit System has been adopted to improve student learning and assessment. Teachers are encouraged to use formative assessment tools</p>
Teaching and Learning	<p>Workshops have been organized to encourage Faculty-Student Interaction and Active Learning techniques. Faculties are encouraged to prepare e-Learning resources for the students.</p>
Curriculum Development	<p>The syllabus is revised every year based on feedback collected from Students, Alumni, Industry, Parents, and Faculty Members. Proposed curriculum changes are approved through various academic bodies of the University before the start of the academic session annually.</p>

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	Moving most of the activities to be performed through IUMS portal, Software, and emails
Administration	Relevant Orders and Notices are

	published online. Use of electronic email is encouraged
Finance and Accounts	E-Payments and online Billing has been implemented
Student Admission and Support	Admissions are partially online, through the IUMS portal
Examination	Online Payments and Generation of e-Admit cards have been done through IUMSportal

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	Ankush Kumar Gupta	FDP, IIT Gandhinagar	Nil	2830
<a href="#">View File</a>				

6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Innovative Pedagogical orientation of engineering education	NA	23/02/2018	24/02/2018	50	5
<a href="#">View File</a>						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
SAKSHAM-Teaching with Technology Training	10	26/03/2018	27/03/2018	2
<a href="#">View File</a>				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching	Non-teaching
----------	--------------

Permanent	Full Time	Permanent	Full Time
26	37	Nil	5

### 6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
House Building Loan, University Health Services, Residential quarters. Leaves: CL/ DL/ Maternity/ Child Care/ Medical Leave Re-imbursment of participation in any conference, workshop, STTP. Tour loan, Medical Facility, GLSI	House Building Loan, University Health Services, Residential quarters. Leaves: CL/ DL/ Maternity/ Child Care/ Medical Leave Uniform Allowance, Food loan, Tour loan, Medical Facility, GLSI	University Health Services, Scheme of Re-imbursment of education Fee, University Games Committee. Merit Scholarship Student Personality Development workshop TPO (General) and Placement Employment skill development guidance workshop. Center Library Services Hostel Facility NCC NSS

## 6.4 – Financial Management and Resource Mobilization

### 6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Yes, University conducts internal financial audits on periodical basis by professional Chartered Accountant. University follows standard financial practices to make process stakeholders friendly. Our institute also conducts external financial audit by appointed statutory auditors which covers overall accounting financial transactions as per applicable norms. The audit covers all applicable government laws like EPF, ESI, Income Tax GST, Society Act.

### 6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Mr. Manish Mundra	1500000	Smart Class Room
No file uploaded.		

### 6.4.3 – Total corpus fund generated

0
---

## 6.5 – Internal Quality Assurance System

### 6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	AG Audit, Govt of Rajasthan	No	NA
Administrative	Yes	AG Audit, Govt of Rajasthan	No	NA

### 6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

NA
----

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

There is no Official Parent-Teacher Association but the department and parents are connected through Email or Mobiles. The Parents are also informed about their wards Performance / Attendance by the departments

6.5.4 – Development programmes for support staff (at least three)

- Support Staff Training before each mega event, Convocation, Conference, etc.
- Support Staff Training for the examination process, student elections, and admission process.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

Early adoption of UGC regulations pertaining to Mphil/Ph.D., appointments of teachers, and CAS promotions. • Use of ICT facilities to reduce students' hardship in admissions, declaration of results, and provision of marks/grade/degree certificates. • Implementation of CBCS for all the PG Programmes of the University. • Implementation of E-Governance. • Setting up of digital library and enhancing the subscription of E-Journals and Online Databases. • Participation in All India Survey on Higher Education. • Encouraging Faculty members for submitting research projects under various schemes of GOI. • Upgradation of syllabi of various programs and courses. • Promoting innovative state-of-the-art research in various disciplines. • Environmental Consciousness. • Participation in Swachh Bharat Abhiyaan

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	Participation in NIRF	01/07/2017	01/07/2017	30/06/2018	500
<a href="#">View File</a>					

**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Human Rights Day	10/12/2017	10/12/2017	50	60
International Women's Day	08/03/2018	08/03/2018	50	50
Gender Sensitivity & Legal Awareness	06/09/2017	06/09/2017	25	5

Health Awareness Programme for Pregnant Women & lactating Mothers	22/02/2018	22/02/2018	30	Nil
Poster Competition on Crime Against Women's	12/12/2017	12/12/2017	20	5
Women, Empowerment: Its Multidimensional Agenda	06/02/2018	06/02/2018	30	25
Women centric play, 'JEE, JAISI AAPKI MARZI', directed by Dr. Vikas Kapoor (Prof P&I Department)	29/09/2017	29/09/2017	70	80

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<ul style="list-style-type: none"> <li>• University strongly believes in an environment-friendly campus. The Departments/NSS takes the initiative to organize tree plantation programs on the whole campus. University has established Guru Jambheshwar Paryavaran Sanrakshan Shodh Peeth for promoting Environmental Consciousness.</li> <li>• Promoting the use of LED to reduce electricity consumption.</li> <li>• Efficient management of liquid/solid/E-waste and disposal of hazardous chemicals.</li> </ul>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	127
Provision for lift	No	Nil
Ramp/Rails	Yes	127
Braille Software/facilities	Yes	47
Rest Rooms	Yes	127
Scribes for examination	Yes	47
Special skill development for differently abled students	Yes	127
Any other similar facility	Yes	127

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students
------	----------------------------------	--------------------------------	------	----------	--------------------	------------------	----------------------------------



	locational advantages and disadvantages	engage with and contribute to local community					and staff
2017	Nil	1	01/07/2017	1	Legal Services and Literacy Camps	Rights of farmers, rights of women, right to information, rights of children, matrimonial matters, issues relating to accidents, etc.	801

[View File](#)

#### 7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Nil	01/07/2017	NA

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Birthday of great freedom fighter Chandra Shekhar Aazad	23/07/2017	23/07/2017	160

[View File](#)

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Plantations, Green campus drives • Swachh Bharat Abhiyan • Recycling of waste material • Trafficawareness campaign • Shramdaan • Less usage of paper, promotion of the use of soft copies/online notifications Promoting an eco-friendly approach among students through special lectures and poster competitions, clean and green campus drives

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

Best Practices-1: • Objective: To adopt a village "Nandada Kalla" by the University. • Context: To spread awareness in the village community through university participation. • The practice: To organize camps in the village every month to spread awareness about education, social reforms, healthcare, and sustainable development viz. health camps, adult literary programs, cleanliness drive, integrated child development service, agriculture extension activities, animal husbandry related activities, financial inclusion services, water conservation, and plantation programs, etc. Also organized computer literacy in schools, skill development camps, swachh Bharat mission, and camps

for senior citizens. Organization of Guest lectures from the field to share practical experience with both students and teachers. • Evidence: As can be seen on [http://www.jnvu.co.in/cs\\_gallery/various-camps-organised-at-university-adopted-village-2015-16-2016-17/](http://www.jnvu.co.in/cs_gallery/various-camps-organised-at-university-adopted-village-2015-16-2016-17/) Best Practices-2: • Objective: To develop and implement information technology (IT) infrastructure in various University operations/function/implementation of E-governance. • Context: Information Technology (IT) enablement of the University system. • The Practice:

1. Computerization of different departments, library, and administrative sections of University
2. Training of staff members in IT-related activities.
3. Networking of different offices of the university.
4. Campus-wide internet implementation by optical fiber cable.
5. Use of ICT facilities to reduce student hardship in admissions, declaration of results, and provision of marks/grade/degree certificates through IMS
6. Designing University website to cater to the needs of all stakeholders.

• Evidence: As can be seen on <https://www.jnvuiums.in/>

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

[http://www.jnvu.co.in/cs\\_gallery/various-camps-organised-at-university-adopted-village-2015-16-2016-17/](http://www.jnvu.co.in/cs_gallery/various-camps-organised-at-university-adopted-village-2015-16-2016-17/)

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

This institute is located in the western part of the State, which is an Arid Zone by nature, and for that reason one of the thrust areas is the study of the desert ecosystem and various aspects related to it such as resource utilization pattern, medical geography, livestock conservation, wildlife conservation, desert plant biology, and biodiversity conservation, and water resource management. Several faculty members have been sanctioned individual projects for research on these aspects of Thar desert, from various funding agencies, like DST/UGC/DBT/CSIR/ICAR/ICMR/DOE, etc. In addition, various departments of the University are supported by UGC under special assistance programs (UGC-SAP) and under FIST (Funds for Improvement of S infrastructure) by the Department of Science and Technology, Government of India. Department of Botany has been recognized as one of the nine discipline-specific CENTERS FOR ADVANCED STUDIES (CAS) in India by UGC. It was also selected for implementation of COSIST program by the UGC for raising the standard of post-graduate education and research to the international level. The major thrust area of research is focussed on desert plant biology, from conventional botany, taxonomy, ecology, stress-physiology, microbiology, plant-microbe interaction, to advanced plant molecular biology and biotechnology, including recent "Omics" sciences. It has a state-of-the-art Plant Tissue Culture Facility and Modular Plant Functional Genomics Lab, with world-class research facilities and modern plant growth facilities. The department has mainly contributed to finding out novel bacterial strains for biological nitrogen fixation and their genome-sequencing, conservation of endangered plants by applying plant tissue culture techniques, the discovery of novel fungi for medicinal use, and finding the novel stress-responsive genes by using modern proteomics and transcriptomics approaches, with the aim of deciphering molecular mechanism of abiotic stress-tolerance in Thar desert plants. These novel candidate genes could be used further to engineer stress tolerance in sensitive crop plants. Department of Geology is working through imageries on a desiccated cum palaeochannel of a river, to find out the possibilities on better use of these palaeochannels for wellbeing of local residents of the Thar Desert. The department is also working on Paleontology, and various fossils of extinct plants and animals were also searched by the same departments in recent times. Department of zoology is

working on the physiology, ecophysiology, toxicology, ecology, animal behavior, environmental biology, cell biology, entomology and taxonomy, parasitology, primate behavior, and wildlife conservation of Thar desert animals. The chemistry department is involved in application-oriented research programs, coordination chemistry, polymers and their modifications for value-added products, nano-materials, solar energy conversion technology, environmental issues related to the Thar desert. Department of Geography is currently registered as Network institute of Indian Institute of Remote Sensing Dehradun(Uttrakhand) and running various courses of Remote Sensing and GIS. Various departments are associated with all local R and D laboratories and leading premier National and International research institutes for collaborative research activities.

Provide the weblink of the institution

<http://www.jnvu.co.in/>

### **8.Future Plans of Actions for Next Academic Year**

The University aims to produce a quality human resource of world-class standard who will excel in education, Research, and Consultancy with emphasis on Sustainable Development and to produce knowledge-rich professionals for meeting the dynamic needs of the industry and society. Its major goal is to be recognized as a knowledge hub of education and research creating socially responsible citizens. The Institution is committed to strengthen and build its academic infrastructure to meet the varying demands of society. The focus will be more on applied teaching. Through innovative programs, the focus will be on building a stress-free learning environment of practical knowledge and intellectual guidance. The syllabi will be updated and more areas/ writers/works will be introduced so that the students of this University can compete with their counterparts elsewhere. The Institution will endeavor to develop future business leaders and professionals from a cross-functional, cross-cultural perspective with the consciousness, knowledge, and practical skills to assume responsible positions in organizations, and develop them into well-rounded individuals to be successful in a dynamic and ever-changing world environment. The vision is to provide a better understanding of the global, national, and local economic issues that will confront our society now and in the future through teaching and research. To provide curricula that promote critical thinking skills and enhance decision-making abilities, which help students become productive. The University is committed to the enhancement of knowledge and learning in various fields and disciplines. In order to make the Institute Research oriented, it has intended to induct new facilities viz. Smart classrooms, E-Library, E-content recording Room, Seminar hall, Central Equipment facility room, Preparation of E-contents and digital subject material for the online class, Alumni association, etc. It is looking forward to providing opportunities to students to acquire skills for improving employability and entrepreneurial abilities. The University will focus on establishing new collaborations, linkages, and sign MOUs with other premier institutions, and strengthen its RD by encouraging faculty members to apply for research projects under various schemes of GOI, and to participate in workshops/training programs to get expertise in the contemporary area of their research.